

GD205-30 Security, Sovereignty and Sustainability in the Global Food System

26/27

Department

Global Sustainable Development

Level

Undergraduate Level 2

Module leader

Wes Lin

Credit value

30

Module duration

20 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

The module draws on Warwick's world leading research – especially those involved in the university's Global Research Priority on Food – to deliver subject and analytical knowledge, as well as research and communication skills, to equip students with a multi-disciplinary toolkit for positive participation in the creation of more sustainable food systems.

[Module web page](#)

Module aims

The module aims to examine the relationship between Food and Sustainability using theories and methods from the sciences, social sciences and humanities.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

The Module is structured into two distinct sections, which map onto the two main teaching terms. Part 1 (Autumn Term) explores key issues connected to global food systems and the social aspect of food security, sustainability and sovereignty. Key topics include freshness, quality of food, care and childhood malnutrition, insects and alternative protein.

Part 2 (Spring Term) focuses more on environmental issues relating to food sustainability and security, featuring the current practices, governance, metrics and available technological solutions. It also covers food economics. Key topics include UK current food security policies, how climate change affects the food system, food safety, use of pesticides, GM food and more.

Learning outcomes

By the end of the module, students should be able to:

- Apply a 'Food Systems' approach to the identification, research and analysis of broadly conceived sustainability issues, emerging in food production, processing and consumption.
- Evaluate the contrasting technical and governance responses proposed for issues generated by global food needs
- Apply a critical understanding of key concepts, particularly food security, sovereignty and sustainability in analysis of food systems
- Where relevant, reflect on and evaluate personal and collective food consumption choices in relation to sustainable development concerns

Indicative reading list

[Reading lists can be found in Talis](#)

[Specific reading list for the module](#)

Research element

Healey & Jenkins (2009) propose that Research-led-teaching design should consider four discrete opportunities. This module has been designed to include three of these opportunities:

1. Research-led learning, where the module syllabus is developed from current research in relevant fields, being based on contemporary and/or seminal, peer reviewed and other high quality research literature. As such, all knowledge for student engagement will be consciously and specifically chosen for its merits in reference to broader academic understanding.
2. Research-tutored learning, where students engage actively in discussing high quality, contemporary and seminal research literature, as well as working progress academic work.
3. Research-based learning, where students use developing methodological skills to create original knowledge of their own. Students produce innovative, evidence-based, suggestions for a Visual Campaign and develop the skills necessary for the creation of a Research

Paper.

4. Research-orientated, in which students have the opportunity to create their own original knowledge through the production of a research paper.

Interdisciplinary

This is an optional core module on the Global Sustainable Development course which adopts an interdisciplinary approach spanning the arts, humanities, social and natural sciences fields in order to engage with the major global challenges facing contemporary society, explore these 'big problems,' from a variety of perspectives and consider a range of possible solutions. Specifically, this module examines the relationship between Food and different interpretations of Sustainability, using theories and methods from the sciences, social sciences and humanities.

International

This is an optional core module on the Global Sustainable Development course which offers a unique trans-disciplinary and international learning experience that allows students to achieve breadth and depth of knowledge. Specifically, this module enables students to evaluate contrasting responses proposed by societies around the globe to problems created by a need to feed the planet.

Subject specific skills

Following successful completion of this module, students will be able to:

Employ visual mapping of food systems for analytical purposes in creating a mixed media campaign

Critically review existing literature to scope current knowledge, identify and evaluate subject specific concepts and conceptual frameworks for future research and analysis, and identify knowledge gaps to generate rigorous research questions for further investigation (as required by Year 3 Dissertation Module)

Research and present a transdisciplinary research paper, making active choices about content and presentation efficacy (as required by Year 3 Dissertation Module).

Critically assess and analyse sustainability issues that need to be addressed, including real-life examples

use and apply established frameworks and methodologies for analysing the impact(s) of a behaviour or process

generate and evaluate different models of sustainable development to assess their likely impact actively implement or contribute to changes that promote sustainable development within the scope of own learning experience

Engage with real-life problems relevant to sustainable development

use historical knowledge and an understanding of the consequences of past actions to envision how futures may be shaped

Identify the importance of empowering individuals and organisations to work together to create new knowledge

employ leadership for sustainable development by challenging assumptions and negotiating alternatives to unsustainable current practices

Identify the opportunities to support and develop a progressive and resilient culture that encourages citizens, professions and institutions to put learning into practice

Transferable skills

As per the University of Warwick framework for Core Skills, students taking this module will develop in the following areas:

Sustainability: understand and explain consequences of the Climate Emergency, specifically food systems at a variety of scales

Professionalism: Planning and organising of self study, and through group assessment in the Visual Campaign and personal work on the Research Paper.

Information Literacy: Independent and rigorous research and analysis, as part of weekly learning and assessment tasks.

Problem Solving: Issue identification and proposing responses to evidenced food related concerns.

Communication: Designing mixed media Visual Campaign for change and advocacy, as well as creating a Research Paper.

Ethical Values: Reflect on personal behaviours viz sustainability, specifically regarding their own food consumption.

Study

Study time

Type	Required
Lectures	18 sessions of 1 hour (6%)
Seminars	18 sessions of 2 hours (12%)
Private study	126 hours (42%)
Assessment	120 hours (40%)
Total	300 hours

Private study description

Students will prepare for workshops and use this time to create assessment submissions.

Students will be expected to undertake no more than a maximum of 11 hours notional working

time within a 1 week study period. This will ensure that they can manage this module alongside any others taking the same approach to module design.

Students will be provided with a specific account of the weekly workload expectation to support their own time management. This model will be revised on an ongoing basis, according to student and staff experience and feedback.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A4

	Weighting	Study time	Eligible for self-certification
Assessment component			
Visual campaign group project	25%	30 hours	Yes (extension)
Visual Campaign Group Project. Students work in groups to identify a sustainability concern using a food systems approach, and develop a Visual Campaign as an intervention to address the specific nature of the issue as they diagnose it.			
Reassessment component			
Visual Campaign Viva			Yes (extension)
Students will summarise their campaign and then be questioned about the research, analysis and design, including their individual contribution. Will be based on learning time used for the Visual Campaign itself and requires no additional preparation.			
Assessment component			
Group presentation	25%	25 hours	Yes (extension)
Reassessment component			
Presentation			No

	Weighting	Study time	Eligible for self-certification
A 10-min presentation online, realtime.			
Assessment component			
Research Paper	50%	65 hours	Yes (extension)
Students undertake a literature review to define a research question and respond through original research.			

Reassessment component is the same

Feedback on assessment

Feedback will be provided via tabula; individual feedback sessions will be offered to each student; moodle will be used where appropriate.

Availability

Courses

This module is Core for:

- Year 2 of UIPA-R4L8 Undergraduate Hispanic Studies and Global Sustainable Development

This module is Core optional for:

- Year 2 of UIPA-L1L8 Undergraduate Economic Studies and Global Sustainable Development
- Year 2 of UIPA-XL38 Undergraduate Education Studies and Global Sustainable Development
- Year 2 of UIPA-L8A1 Undergraduate Global Sustainable Development
- Year 2 of UIPA-L8N1 Undergraduate Global Sustainable Development and Business
- Year 2 of UIPA-R4L8 Undergraduate Hispanic Studies and Global Sustainable Development
- Year 2 of UIPA-V1L8 Undergraduate History and Global Sustainable Development
- UIPA-C1L8 Undergraduate Life Sciences and Global Sustainable Development
 - Year 2 of C1L8 Life Sciences and Global Sustainable Development
 - Year 2 of C1LA Life Sciences and Global Sustainable Development: Biological Sciences
 - Year 2 of C1LB Life Sciences and Global Sustainable Development: Ecology
- Year 2 of UIPA-V5L8 Undergraduate Philosophy and Global Sustainable Development
- Year 2 of UIPA-L2L8 Undergraduate Politics, International Studies and Global Sustainable

Development

- Year 2 of UIPA-C8L8 Undergraduate Psychology and Global Sustainable Development
- Year 2 of UIPA-L3L8 Undergraduate Sociology and Global Sustainable Development
- Year 2 of UIPA-W4L8 Undergraduate Theatre and Performance Studies and Global Sustainable Development

This module is Core option list B for:

- Year 2 of UDIA-H1L8 Undergraduate Design and Global Sustainable Development